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FORM PTO-1391 COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office.  
(Includes Reference to PCT International Applications)  
Atty. Docket No.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Mo-W MATERIAL FOR FORMATION OF WIRING, Mo-W TARGET AND METHOD FOR PRODUCTION THEREOF, AND Mo-W WIRING THIN FILM the specification of which:

is attached hereto; or

was filed as United States application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or

was filed as PCT international application Number PCT/JP94/02095 on December 14, 1994 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:			
COUNTRY (if PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
Japan	P5-312936	14, December, 1993	XX Yes No
			Yes No
			Yes No
			Yes No
			Yes No
			Yes No

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**Combined Declaration For Patent Application and Power of Attorney (Continued)**  
(includes Reference to PCT International Applications)

Atty. Docket No.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:**

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NO	PCT FILING DATE	U.S. SERIAL NUMBER ASSIGNED (if any)		

**POWER OF ATTORNEY:** as a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, Reg. No. 22,540**  
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Combined Declaration For Patent Application and Power of Attorney (Continued)  
(includes Reference to PCT International Applications)

Atty. Docket No.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

<b>FULL NAME OF FIRST INVENTOR</b>	Yasuo KOHSAKA	
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<b>FIRST INVENTOR'S SIGNATURE</b>		<b>DATE</b>
<i>Yasuo Kohsaka</i>		<i>June 10, 1996</i>
<b>FULL NAME OF SECOND INVENTOR</b>	Yoshiharu FUKASAWA	
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<b>SECOND INVENTOR'S SIGNATURE</b>		<b>DATE</b>
<i>Yoshiharu Fukasawa</i>		<i>June 28, 1996</i>
<b>FULL NAME OF THIRD INVENTOR</b>	Yoshiko TSUJI	
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<b>THIRD INVENTOR'S SIGNATURE</b>		<b>DATE</b>
<i>Yoshiko Tsuji</i>		<i>June 17, 1996</i>

Listing of Inventors Continued on attached page(s)    ☒ Yes    ☐ No

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Combined Declaration For Patent Application and Power of Attorney (Continued)  
(includes Reference to PCT International Applications)

Atty. Docket No.

FULL NAME OF FOURTH INVENTOR	Mitsushi IKEDA	
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FOURTH INVENTOR'S SIGNATURE  <i>Mitsushi Ikeda</i>		DATE  June 12, 1996
FULL NAME OF FIFTH INVENTOR	Michio SATO	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY  Yokohama-shi, Kanagawa-ken, Japan	COUNTRY OF CITIZENSHIP  Japan
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FIFTH INVENTOR'S SIGNATURE  <i>Michio Sato</i>		DATE  June 5, 1996
FULL NAME OF SIXTH INVENTOR	Toshihiro MAKI	
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SIXTH INVENTOR'S SIGNATURE  <i>Toshihiro Maki</i>		DATE  June 5, 1996

Listing of Inventors Continued on attached page(s)

☐/Yes

☒/No

09165743-100698

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

Mo-W MATERIAL FOR FORMATION OF WIRING, Mo-W TARGET AND  
METHOD FOR PRODUCTION THEREOF, AND Mo-W WIRING THIN FILM

for which I/WE executed an application for United States Letters Patent concurrently herewith or on \_\_\_\_\_ or filed an application for United States Letters Patent on \_\_\_\_\_, 19\_\_\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS, KABUSHIKI KAISHA TOSHIBA,  
a corporation of Japan, whose post office  
address is 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210 Japan  
(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 08/663,251, filed June 13, 1996) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's Signature	: Date
<u>Yasuo KOHSAKA</u> : <u>Yasuo Kohsaka</u>	: <u>June 10, 1996</u>
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2. Full Name of Second Assignor : Assignor's Signature	: Date
<u>Yoshiharu FUKASAWA</u> : <u>Yoshiharu Fukasawa</u>	: <u>June 28, 1996</u>
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3. Full Name of Third Assignor : Assignor's Signature	: Date
<u>Yoshiko TSUJI</u> : <u>Yoshiko Tsuji</u>	: <u>June 17, 1996</u>
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4. Full Name of Fourth Assignor	: Assignor's Signature	: Date
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5. Full Name of Fifth Assignor	: Assignor's Signature	: Date
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6. Full Name of Sixth Assignor	: Assignor's Signature	: Date
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7. Full Name of Seventh Assignor	: Assignor's Signature	: Date
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Address		: Citizenship
		:
8. Full Name of Eighth Assignor	: Assignor's Signature	: Date
	:	:
Address		: Citizenship
		:
9. Full Name of Ninth Assignor	: Assignor's Signature	: Date
	:	:
Address		: Citizenship
		:
10. Full Name of Tenth Assignor	: Assignor's Signature	: Date
	:	:
Address		: Citizenship
		:
11. Full Name of Eleventh Assignor	: Assignor's Signature	: Date
	:	:
Address		: Citizenship
		:
12. Full Name of Twelfth Assignor	: Assignor's Signature	: Date
	:	:
Address		: Citizenship
		: